

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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**Applicant(s):** Yougandh Chitre, et al.  
**Serial No.:** 10/656,649                      **Examiner:** K. Schaetzle  
**Filed:** September 4, 2003                      **Art Unit:** 3766  
**Docket No.:** A03P1061  
**For:** MEDICAL ELECTRICAL LEAD PROVIDING FAR-FIELD SIGNAL  
ATTENUATION

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Mail Stop Amendments  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this correspondence is being e-  
filed on:

*October 30, 2007*

*Melinda E. Hallmark* 10/30/07  
Melinda E. Hallmark                      Date

**DECLARATION UNDER 37 CFR 1.132**

I, Gene A. Bornzin, declare that:

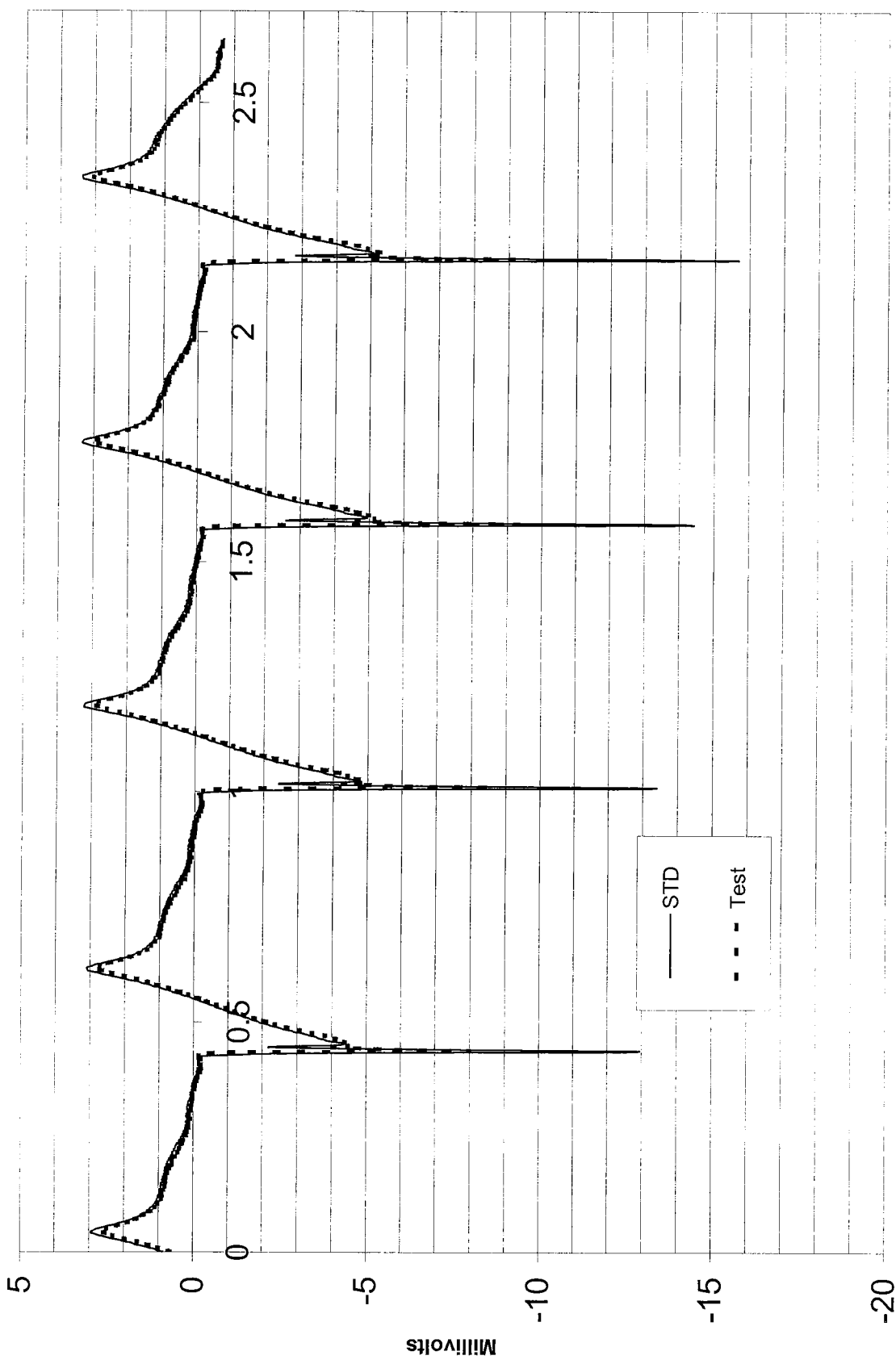
- 1) I am one of the named co-inventors of the above-identified patent application, which was filed on September 4, 2003.
- 2) I had built and tested a lead with a passive electrode configuration including a tip electrode serving as the cathode electrode. The lead had two, independently selectable ring electrodes to alternately serve as the anode electrode: one was spaced 1.0 millimeter from the tip electrode (the "test configuration") and the other was spaced 10 millimeters from the tip electrode (the "standard configuration"). I tested the lead in the right ventricle of a canine.
- 3) When using the standard configuration, the T-wave amplitude following paced ventricular events averaged approximately 3.1 mV, and for the test configuration the T-wave amplitude following paced ventricular events averaged approximately 2.8 mV (Exhibit A).
- 4) The undersigned declares further that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false

**PATENT**

statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

10/26/07  
Date

Gene A. Bornzin  
Gene A. Bornzin, Ph.D



seconds

EXHIBIT A